

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (previously presented): A radio-conductive material comprising alcohol-soluble nylon and inorganic material having radiation absorbing power, wherein the alcohol-soluble nylon is a composite material of nylon 6 and nylon 66.

2. (original): A radio-conductive material as defined in Claim 1 in which the inorganic material is bismuth iodide.

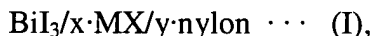
3. (canceled).

4. (original): A radio-conductive material as defined in Claim 1 in the form of a nano-composite.

5. (canceled).

6. (original): A solid sensor having a radio-conductive layer formed of a radio-conductive material defined in Claim 1.

7. (original): A radio-conductive material represented by the following formula (I),



wherein M represents at least one alkali metal selected from the group consisting of Li, Na, K, Rb and Cs, X represents at least one halogen selected from the group consisting of F, Cl, Br and I, and x and y respectively represent the ratios by weight of MX and nylon to BiI₃, x being $0 < x \leq 1$, and y being $0 < y \leq 4$.

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8. (original): A radio-conductive material as defined in Claim 7 in the form of a nano-composite.

9. (original): A radio-conductive material as defined in Claim 7 in which the nylon in formula (I) is alcohol-soluble.

10. (original): A radio-conductive material as defined in Claim 9 in which the alcohol-soluble nylon is composite material of nylon 6 and nylon 66.

11. (original): A radio-conductive material as defined in Claim 7 in which the alkali halide represented by MX in formula (I) is alcohol-soluble.

12. (previously presented): A radio-conductive material as defined in Claim 7 in which the alkali halide represented by MX in formula (I) is potassium halide.

13. (previously presented): A radio-conductive material as defined in Claim 7 in which the alkali halide represented by MX in formula (I) is potassium fluoride.

14. (original): A radio-conductive material as defined in Claim 7 in which $0 < x \leq 0.2$.

15. (original): A radio-conductive material as defined in Claim 7 in which $0.1 < y \leq 1$.

16. (original): A solid sensor having a radio-conductive layer formed of a radio-conductive material defined in Claim 7.

17-28. (canceled).